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JVC LT-32FX77 INSTRUCTIONS MANUAL

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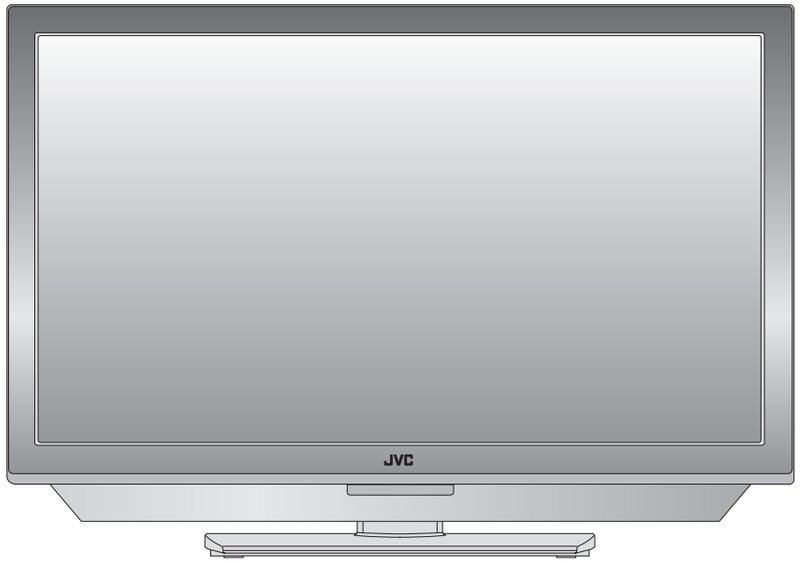
JVC

ENGLISH

LT-32FX77
LT-37FX77
LT-42FX77

WIDE LCD PANEL TV INSTRUCTIONS



DynaPiX HD
Powered by D.I.S.T.

HDMI
HIGH-DEFINITION MULTIMEDIA INTERFACE

MAXX Bass

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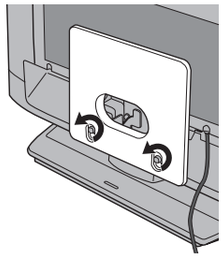
1



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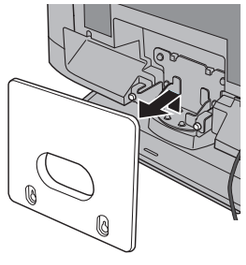

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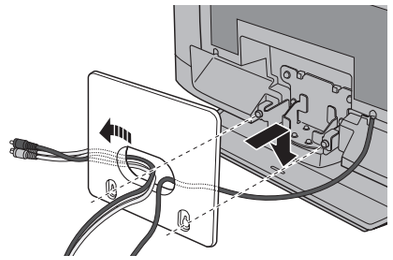

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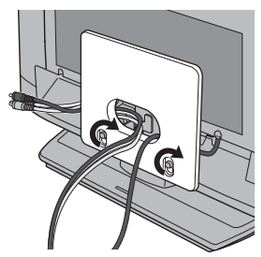

LT-32FX77

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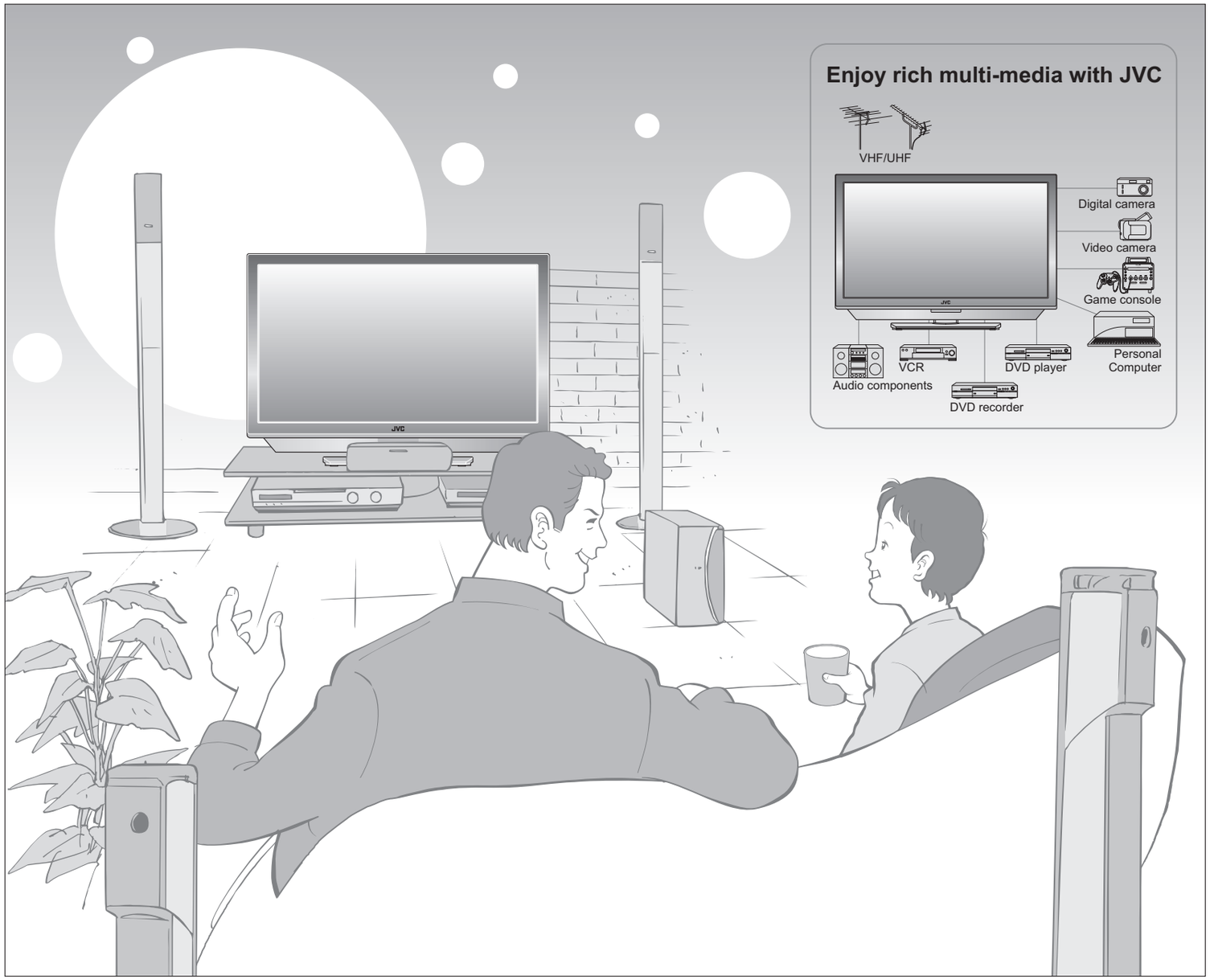
Expanding the world of beautiful images

ENGLISH



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Warning

Please follow all the guidelines below

Follow this manual regarding setup!

- Connect only to a 110-240V, 50/60Hz AC outlet.

Do not allow the TV to fall!

- Do not rest your elbows on, or allow children to hang from the TV. There is a risk that the TV will fall and cause injuries.

When attaching the TV to the wall, use the optional JVC wall mounting unit!

- Consult a qualified technician.
- See the included manual on mounting procedures.
- JVC assumes no responsibility for damage due to improper mounting.

Make enough room for inserting and removing the power plug!

Place the TV as close to the outlet as possible!

- The main power supply for this TV is controlled by inserting or removing the power plug.

Never cut or damage the power cord!

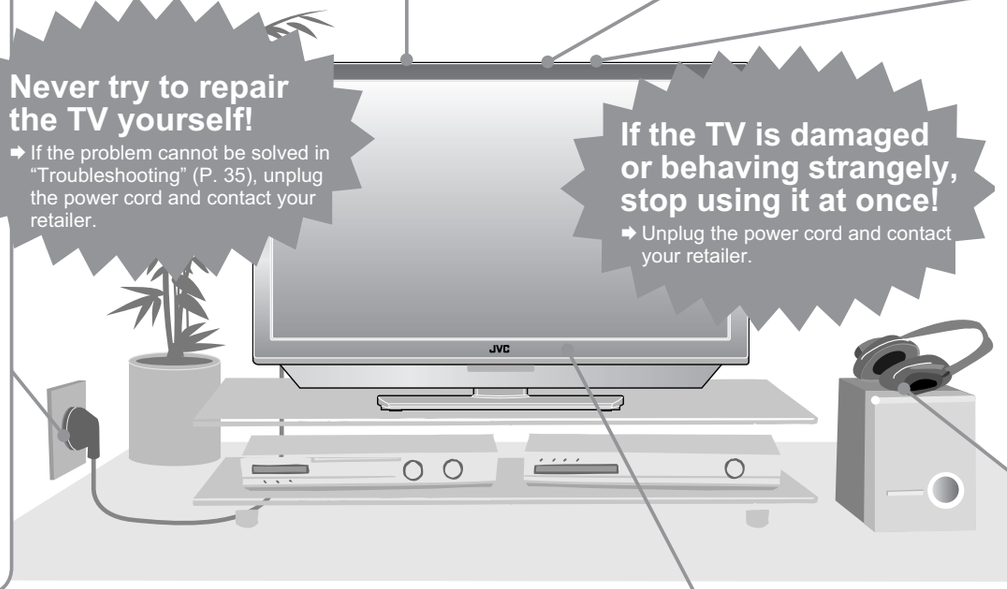
- If the AC plug is not the right shape, or the power cord is not long enough, use an appropriate plug adapter or extension cable. (Consult your retailer.)

Never try to repair the TV yourself!

➡ If the problem cannot be solved in “Troubleshooting” (P. 35), unplug the power cord and contact your retailer.

If the TV is damaged or behaving strangely, stop using it at once!

➡ Unplug the power cord and contact your retailer.



Never place anything on the TV!

- Placing liquids, naked flames, cloths, paper, etc. on the TV may cause a fire.

Never expose to rain or moisture!

- To prevent fire or electric shock, never allow liquids to enter the unit.

Never insert objects into the cabinet openings!

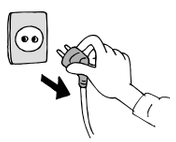
- It may cause a fatal electric shock. Take care when children are near.

Never listen to headphones at high volume!

- It may damage your hearing.

Unplug the power cord when going out!

- The power buttons on the remote control and the TV unit cannot completely turn off the TV. (Make appropriate arrangements for bedridden people.)



Never dismantle the rear panel!

- It may cause an electric shock.

Never obstruct the ventilation holes!

- It may cause overheating or a fire.

Handle LCD panel with care!

- Use a soft, dry cloth when cleaning.

Hold the TV so as not to scratch the screen!

- Do not touch the screen when carrying the TV.

Do not carry the TV on your own!

- In order to prevent accidents, ensure that the TV is carried by two or more people.

■For more details on installation, usage and safety ➡ Consult your retailer

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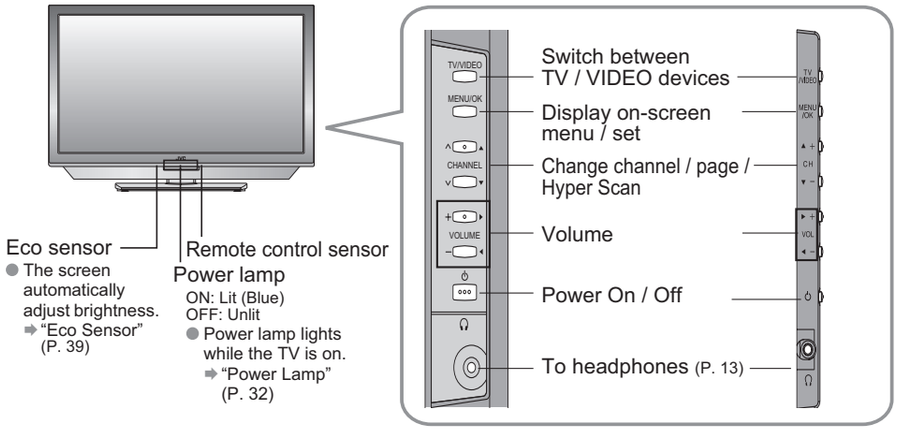
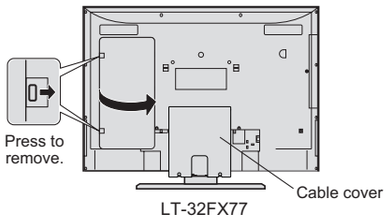
Names of all the parts

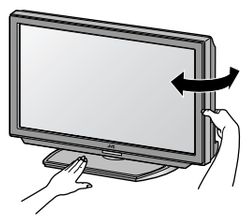


Remove the terminal cover

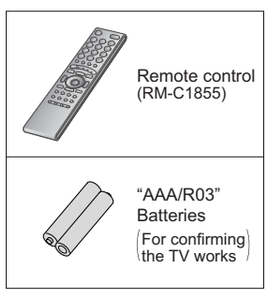


- If the cover cannot be closed due to the cables being in the way
  ➡ Do not force the cover to close (leave it open).
- Connecting terminals on the back of the TV ➡ Connecting External devices (P. 13)
- To remove the cable cover, refer to back of the cover.

Change the direction of TV

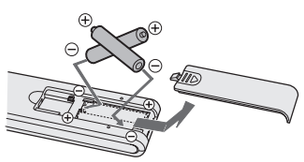


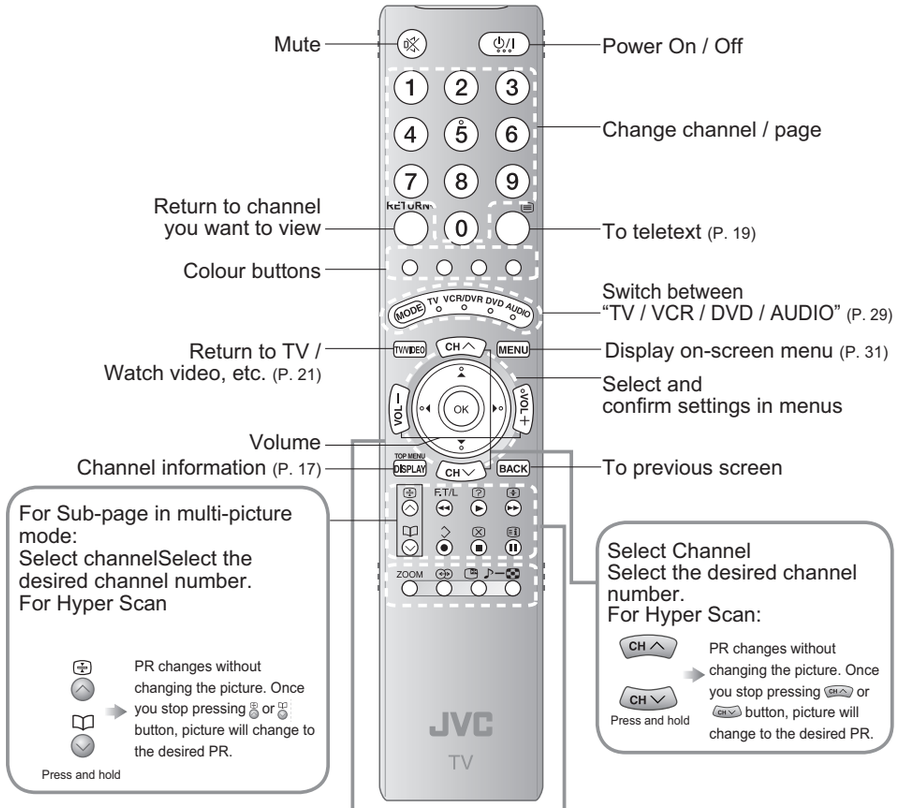
Check accessories



■Insert the batteries

Use two "AAA/R03" dry cell batteries.
Insert the batteries from the ⊖ end, making sure the ⊕ and ⊖ polarities are correct.




Mute
Power On / Off
Change channel / page
Return to channel you want to view
To teletext (P. 19)
Colour buttons
Switch between "TV / VCR / DVD / AUDIO" (P. 29)
Return to TV / Watch video, etc. (P. 21)
Display on-screen menu (P. 31)
Select and confirm settings in menus
Volume
Channel information (P. 17)
To previous screen
JVC
TV

For Sub-page in multi-picture mode:
Select channelSelect the desired channel number.
For Hyper Scan

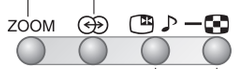
PR changes without changing the picture. Once you stop pressing or button, picture will change to the desired PR.

Select Channel
Select the desired channel number.
For Hyper Scan:

PR changes without changing the picture. Once you stop pressing or button, picture will change to the desired PR.

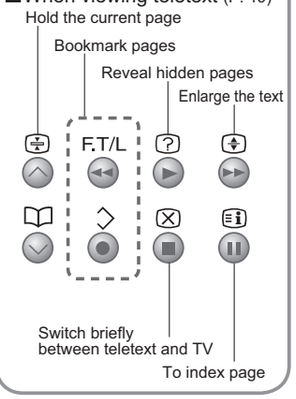
■When watching TV / Video

Change the aspect ratio (P. 17)
Turn on "Cinema Surround" (P. 17)



Take a snapshot of the screen (P. 23)
View in multi-picture mode (P. 23)

■When viewing teletext (P. 19)



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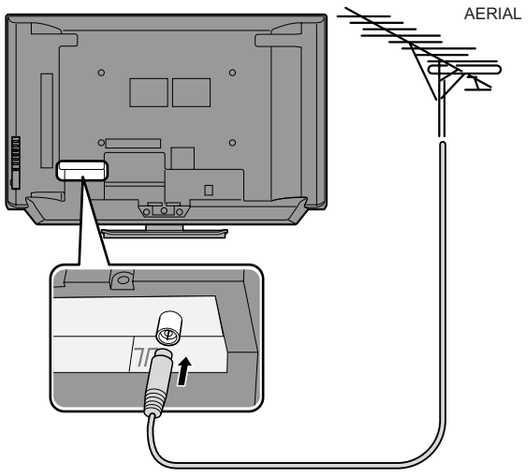
Basic connections

Please read the user manuals of each device before setup.
It is necessary to connect an aerial to watch TV.

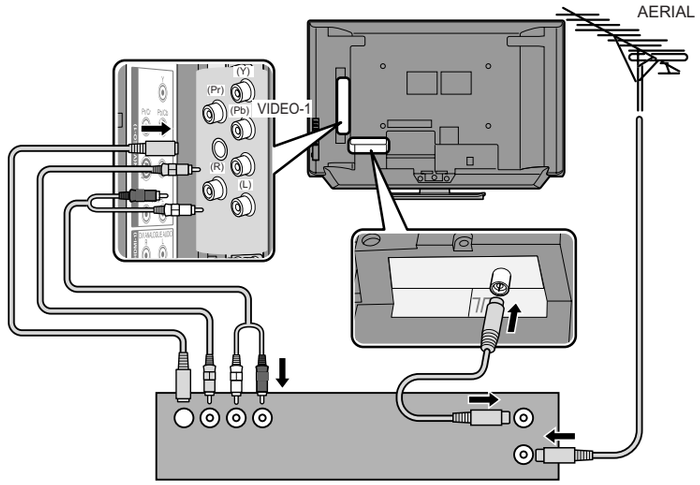
■Connect with other devices ➡ “Connecting external devices” (P. 13)

Connect the aerial



- After all the connections have been made, insert the plug into an AC outlet.

Connect a VCR / DD Player



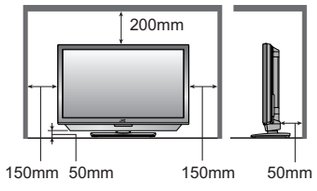
- After all the connections have been made, insert the plug into an AC outlet.
- If both composite and S-VIDEO cables are connected, S-VIDEO will be enable.

Care when setting

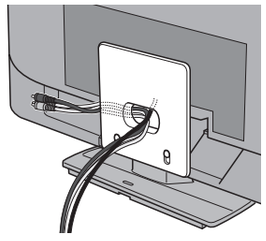
■Power requirements
- Connect the power cord only to a 110-240V, 50/60Hz AC outlet.

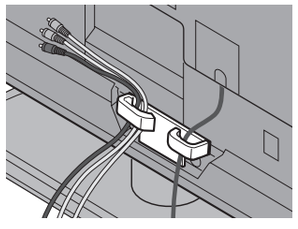
■When attaching the TV to the wall, use the optional JVC wall mounting unit
- Consult a qualified technician.
- See the included manual on mounting procedures.
- JVC assumes no responsibility for damage due to improper mounting.
- 200mm × 200mm mount which conforms to VESA standards.

■Installation requirements
- To avoid overheating, ensure the unit has ample room.



Tidying the cables





LT-32FX77

- To remove the cable cover, refer to back of the cover.

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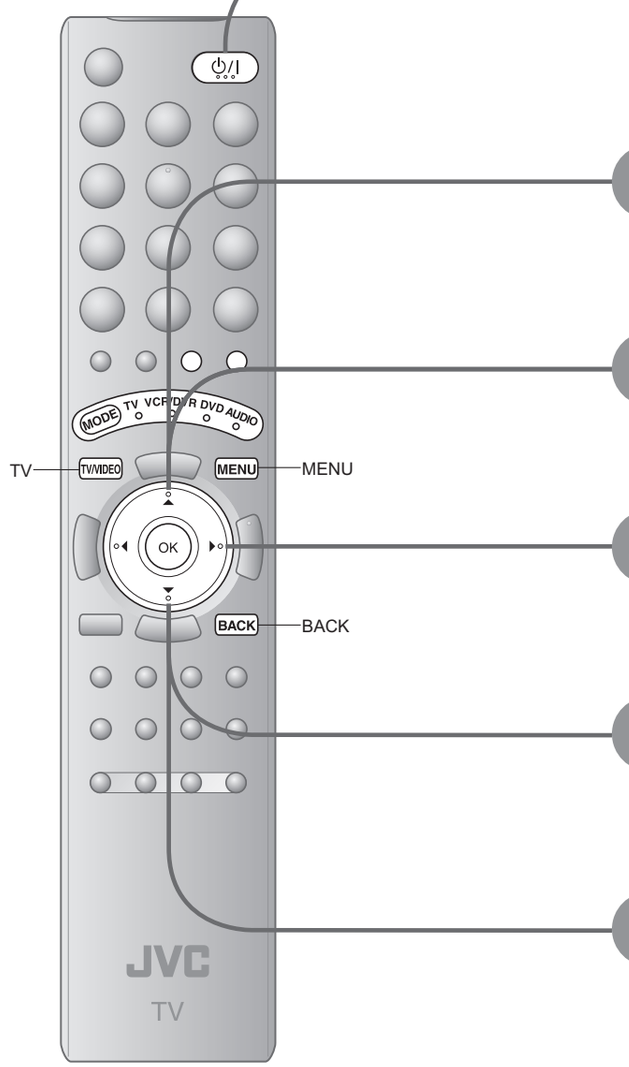
Initial settings

Set the menu language, installation location and automatically register the TV channels.
These channels can be edited later in “Editing channels” (P. 11).



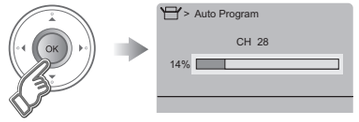
1 Begin

- Shown only when powering on for the first time.
- The power on the unit can also be used.

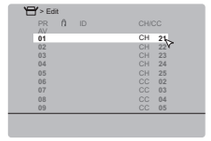
2 Select a language

3 Select the teletext language group

4 Automatically register channels



5 Check what was registered



■Edit channels
➡ ❹ in “Editing channels” (P. 11)

6 Confirm

■To the previous screen ➡ BACK

■Exit ➡ MENU

■If the “JVC” logo does not appear or if you wish to make changes later
➡ “Language”, “Teletext language” and “Auto Program” (P. 32)

■The remote control doesn’t work

- Confirm the mode is set to “TV”.

- For the teletext language group
  ➡ “Language group for teletext” (P. 38)
- If the characters are unreadable.
  ➡ “Language group for teletext” (P. 38)

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Editing channels

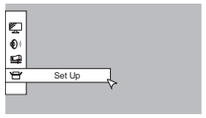
Edit the channels registered with “Auto Program” in “Initial settings” (P. 9).

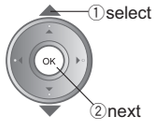
When coming from “Initial settings” (P. 9), skip to 4.

1 Display the menu bar

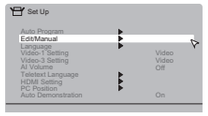
MENU

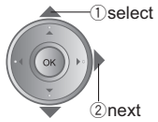
2 Select “Set Up”



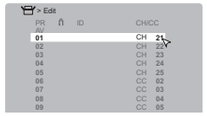


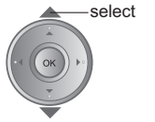
3 Select “Edit / Manual”





4 Select a row





5 Edit

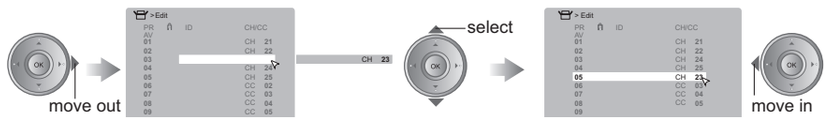
6 Finish

■To the previous screen
➡ BACK

■Exit
➡ MENU

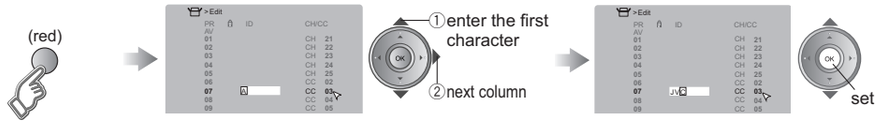
Move a channel’s position — MOVE

①Begin ②Select a destination ③Finish



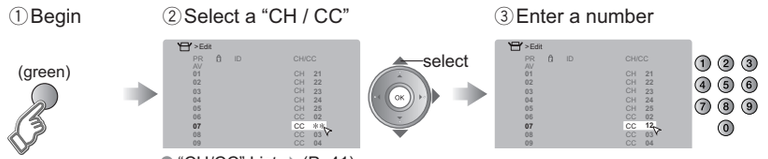
Edit a channel name — ID

①Begin ②Enter a channel name



Insert a channel — INSERT

①Begin ②Select a “CH / CC” ③Enter a number

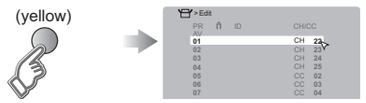


● Receives the broadcast signal.

● “CH/CC” List ➡ (P. 41)

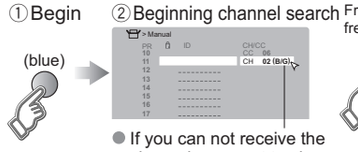
Delete a channel — DELETE

①Delete



Register a new channel — MANUAL

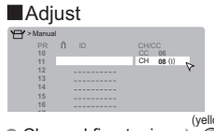
①Begin ②Beginning channel search



● If you can not receive the channel you want to view, press ▶ to change the sound system.
➡ “Sound system in your country or region” (P. 38)

● Auto-search begins, and the nearest frequency is imported.
➡ Repeat the previous steps until the desired channel is displayed

■Adjust



● Channel fine tuning ➡ ◯ / ◯

● If the picture or sound is unnatural ➡ select a system

③Set

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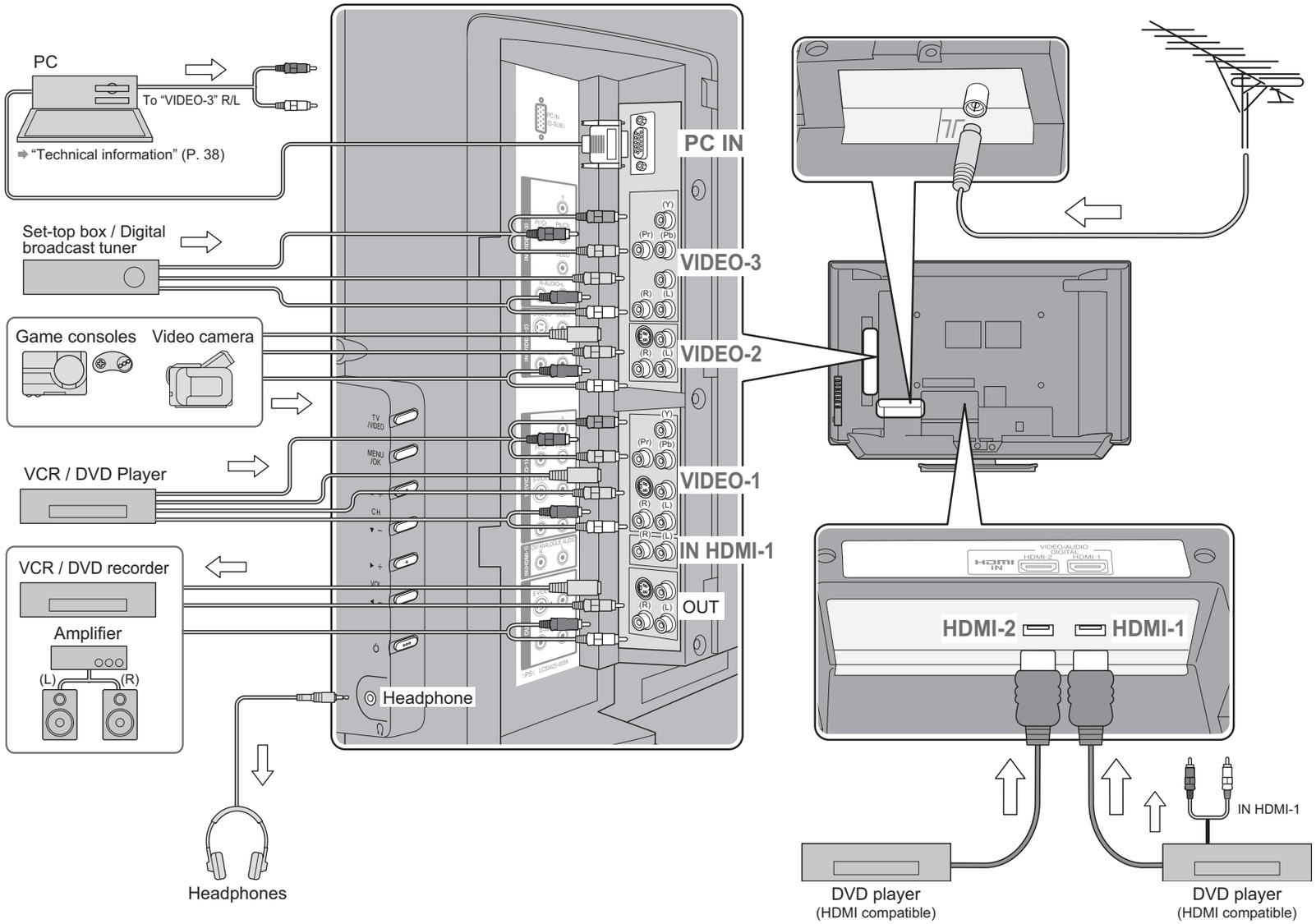
Connecting external devices

VCR / DVD / other devices

You can connect many different devices to the rear panel of the TV.
Please read the user manuals of each device before setup.
(Connecting cables are not supplied with this TV.)

: signal direction



VIDEO-1 Watching videos

Output ⬆	Input ⬇
	· Composite signal / Component signal / S-VIDEO · Sound L / R

- Use Component signal
  ➡ “Switch between video and component signal” (P. 22)
- Use S-VIDEO
  ➡ “Using S-VIDEO” (P. 22)

VIDEO-2 Watching videos

Output ⬆	Input ⬇
	· Composite signal / S-VIDEO · Sound L / R

- Use S-VIDEO
  ➡ “Using S-VIDEO” (P. 22)

VIDEO-3 Watching DVDs

Output ⬆	Input ⬇
	· Composite signal / Component signal · Sound L / R

- Use Component signal
  ➡ “Switch between video and component signal” (P. 22)

HDMI-1 HDMI-2 Connecting HDMI devices

Output ⬆	Input ⬇
	· HDMI signal (P. 38)

- “HDMI Setting” ➡ (P. 32)
- HDMI-2 input does not support analogue sound.

OUT

Video and sound signal of a TV channel you are viewing outputs from this terminal

Output ⬇
· Composite signal / S-VIDEO · Sound L / R

- “Using OUT terminal” ➡ (P. 22)

■ Connect a “DVI” device to “HDMI-1” ➡ (P. 38)

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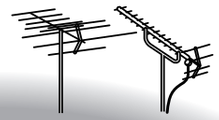
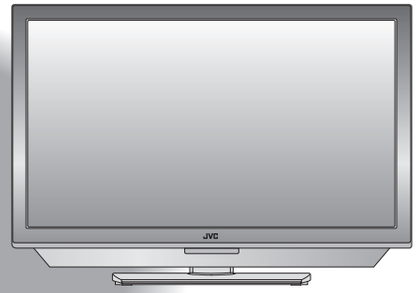
08/06/2007 09:06:26

Enjoying your new TV!

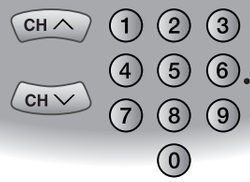


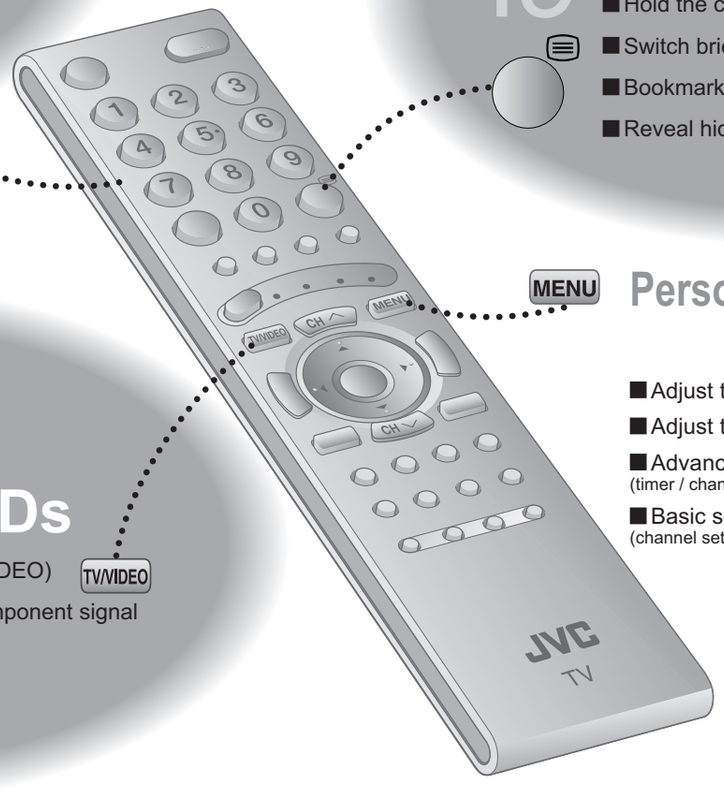


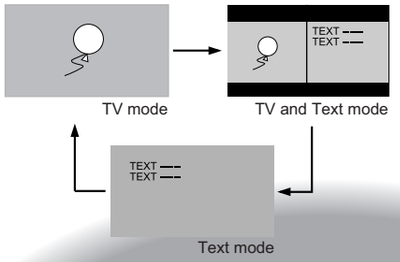
Watching TV

PAGE 17

- View channel information
- Change the aspect ratio
- Enjoy “Cinema Surround”
- Register your favourite channels



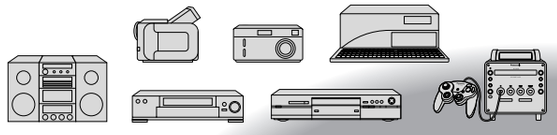




Viewing teletext

PAGE 19

- Enlarge the text
- To the index page
- Hold the current page
- Switch briefly between teletext and TV
- Bookmark your favourite pages
- Reveal hidden pages



Watching videos / DVDs

PAGE 21

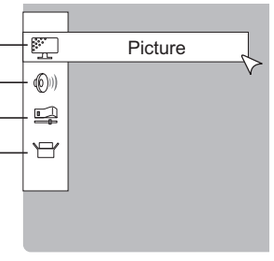
- Watch high quality video (S-VIDEO) TV/VIDEO
- Switch between video and component signal
- PC position adjustment

MENU

Personal preferences

PAGE 31

- Adjust the picture
- Adjust the sound
- Advanced settings (timer / channel guard, etc.)
- Basic settings (channel settings, etc.)



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08/06/2007 09:06:27

Watching TV

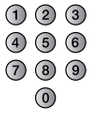
1 Set to "TV"

2 Power on

The blue power lamp on the TV lights

- Press again to turn the screen off and put the TV into standby mode.

3 Select a channel



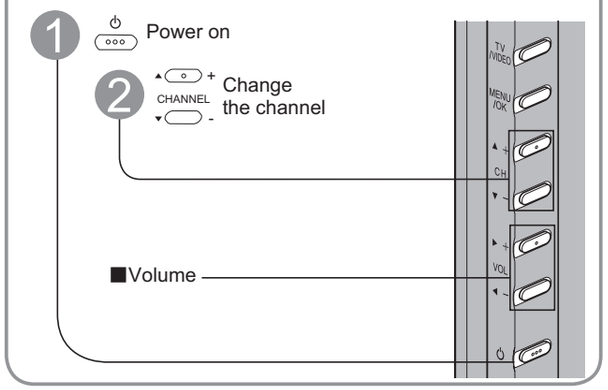
E.g.
1 : 0 ➡ 1
15 : 1 ➡ 5

■Move up or down a channel

■Switch between mono / stereo / bilingual broadcasting
➡"Stereo / I·II" (P. 32)

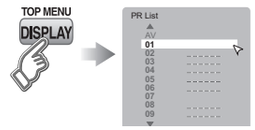
Note
- To completely turn off the TV, unplug the AC plug.

Basic operations using the side buttons



Channel information

DISPLAY

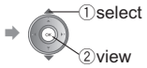


PR List
- Channels registered in "Initial settings" will appear here.

Channel information

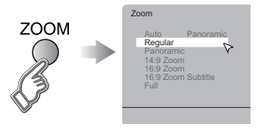
(No indication)

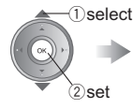
■Select a page ➡

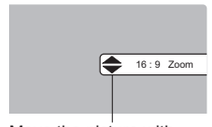
■Select and view a channel ➡ 

Change the aspect ratio

ZOOM





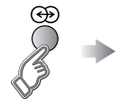


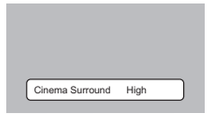
Move the picture with ▲ or ▼ while this bar is displayed

- Using "Auto" ➡"Auto in "Zoom"" (P. 39)
- When 720p (750p) or 1080i (1125i) signal is received, the signal will be displayed as "Full". The zoom menu will not be displayed.
- In PC mode, "Regular" or "Full" can be selected.

Enjoy ambient sound

CINEMA SURROUND





- High : For stereo sound
- Low : For stereo sound (when the sound distorts in "High" mode)
- Mono : For mono sound (emulates a stereo-like sound)
- Off : Turns off "Cinema Surround"

Emphasize bass sound

MaxxBass

➡"MENU" ➡ "🔊" ➡ "Sound" ➡ "MaxxBass"

Always return to the channel you want to view

RETURN PLUS

■Registered as return channel

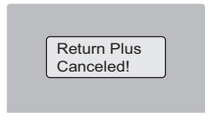
While the channel is displayed

Hold down for 3 seconds

■Cancel

While the channel is displayed

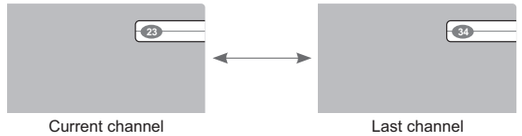
Hold down for 3 seconds



■Recall the return channel ➡

Return to the last channel you were viewing

RETURN



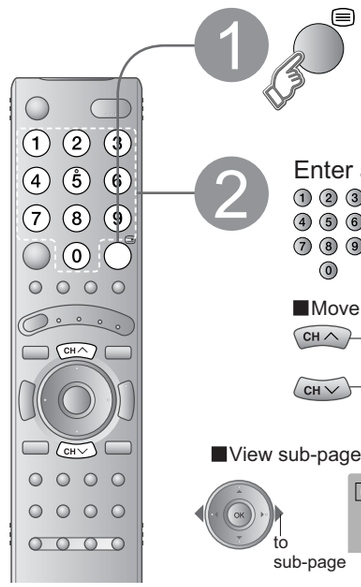
Current channel

Last channel

LT-323742FX77_EN.indb 17-18
08/06/2007 09:06:28

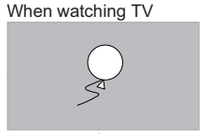
Viewing teletext

This TV can display TV broadcasts and teletext on the same channel in two windows.

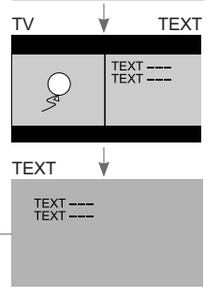


1

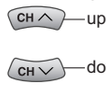
When watching TV



2 Enter a teletext page



■Move up or down a page



■View sub-pages

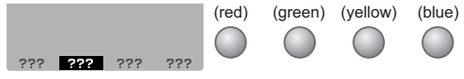
Bookmark your favourite page

LIST MODE

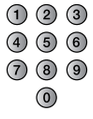
1 Display your favourites list

F.T/L

2 Select a coloured button to save your page to



3 Enter the number of the page to save



4 Save

■Recall your favourite page ➡ Press the coloured button as in step 2

Hold the current page

HOLD

Hold the current page

■Release ➡ Press "⊕" again

Reveal hidden pages

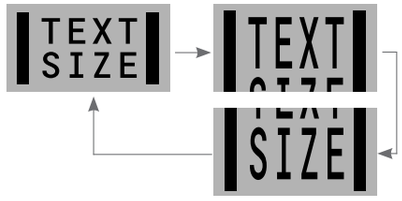
REVEAL

Display hidden information (answers to quizzes, etc.)

Enlarge the text

SIZE

Double the size of the displayed text



To the index page

INDEX

Returns to page "100" or a previously designated page

Switch briefly from teletext to TV

CANCEL

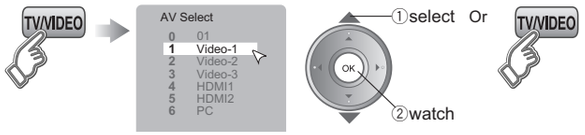
Leave the current page open, while you switch to watch TV

● Useful when running a page search.

LT-323742FX77_EN.indb 19-20
08/06/2007 09:06:33

Watching videos / DVDs

1 Select the video source



Note : TV/VIDEO button select the video source by move down.

2 Operate the connected device and play a video

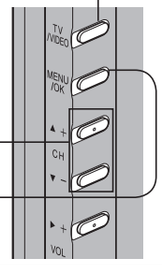
■Operate JVC recorders and other devices (P. 29)

Select the video source using the side buttons

1 TV/VIDEO Select the video source by move down.

2 CHANNEL + - Select the video source or MENU/OK

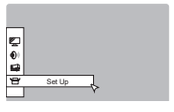
3 MENU/OK



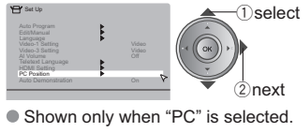
PC position adjustment

1 MENU Display the menu bar

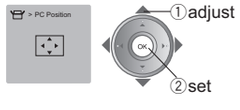
2 Select “Set Up”



Select “PC Position”



● Shown only when “PC” is selected.

3 

● Reset position ➡ (blue)

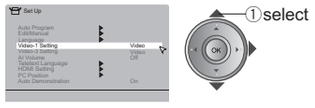
Switch between video and component signal

1 Display the menu bar

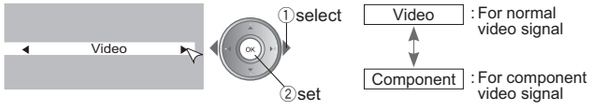
MENU

2 Select “Set Up”

3 Select “Video-1 Setting” or “Video-3 Setting”



4 Change settings



Using S-VIDEO

● If both composite and S-VIDEO cables are connected, S-VIDEO will be enable.

Using OUT terminal

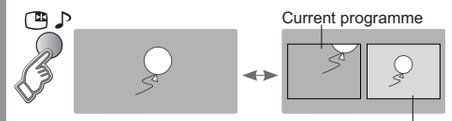
● Component and PC signals does not output from this terminal.
● When you are viewing video signal, no signal will output through the S-VIDEO terminal.
● HDMI-1 and HDMI-2 inputs does not output from this terminal.

LT-323742FX77_EN.indb 21-22
08/06/2007 09:06:38

Useful functions

Take snapshots of the screen

FREEZE



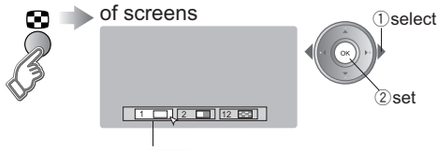
■Cancel
➡ Press "" again, or change the channel

- Not available when the SUB-PICTURE is displayed, or when in PC mode.
- You cannot save or export the snapshot.

Watch in multi-picture mode

MULTI-PICTURE

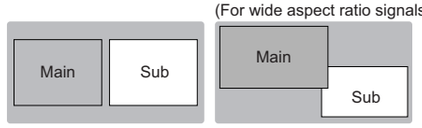
Select the number of screens



Selecting "1" returns to normal viewing mode
- Not available in PC mode.

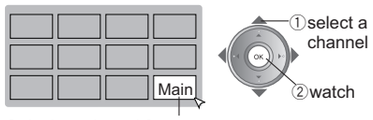
■Watch in dual-picture mode
E.g. You can watch TV and video at the same time.

(For wide aspect ratio signals)



- Switch between the sound sources ➡
- Change the channel
  - ➡ (Main)
  - ➡ (Sub)

■Select a channel in 12-screen mode
All registered channels are displayed as still images.



Only the selected frame has a moving picture.

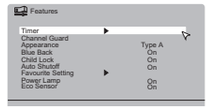
- Move up or down a page ➡
- Not available for HDMI-1 or HDMI-2 input.

Set a time for the TV to turn itself on

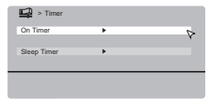
ON TIMER

1 Display "Features" menu
➡ "Customising your TV" (P. 31)

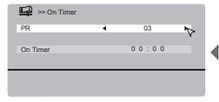
2



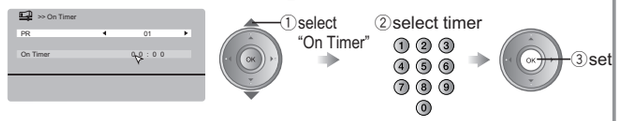
3



4



5



■Choose the PR (channel) that you want to watch when the TV turns on. External input and AV position cannot be chosen for PR.

■Set the ON TIMER to your desired period of time by press the number button. When the ON TIMER is set to other than 00:00, the ON TIMER is activated. You can set the period of time to a maximurn of 12 hours in 1 minute intervals.

To off the ON TIME, set the ON TIMER to 00:00or press "(blue)" button.

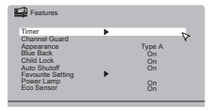
Note : If TV is not in standby mode when ON TIMER is reach the setting time, then TV will be change to the specified channel automatically if already in power on mode

Set a time for the TV to turn itself off

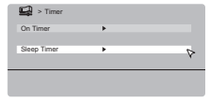
SLEEP TIMER

1 Display "Features" menu
➡ "Customising your TV" (P. 31)

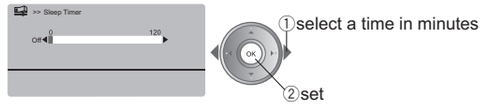
2



3



4



■Cancel ➡ Set the time to "0" in step 4

■Remaining time ➡ You can confirm the remaining time at step 4, after repeating this process.

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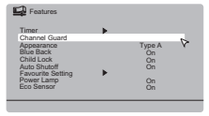
Useful functions (continued)

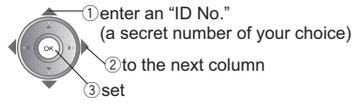
Stop children from watching specific channels

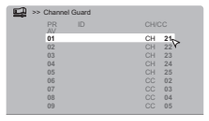
CHANNEL GUARD

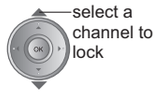
1 Display “Features” menu
➡ “Customising your TV” (P. 31)

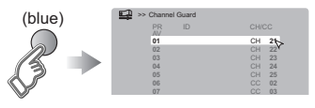
2


3



4




5 (blue)


■Lock more channels
➡ Repeat steps 4 and 5

6

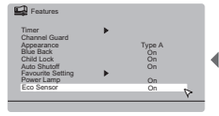
■Release a channel ➡ Press “ (blue) ” again in step 5

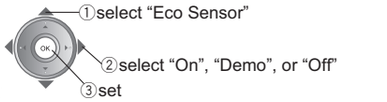
■View a locked channel ➡ Use the numerical buttons to enter the channel number. When 🔒 appears, press “TOP MENU DISPLAY” and enter your “ID No.”. (If you forget your “ID No.”, check it in step 3.)

Automatically adjust light and dark according to the brightness of your room

ECO SENSOR

1 Display “Features” menu
➡ “Customising your TV” (P. 31)

2


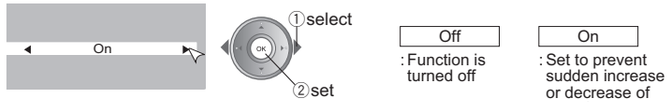


■For more details ➡ “What is “Eco Sensor”?” (P. 39)

Prevent sudden in crease or decrease of sound when changing channels

AI VOLUME

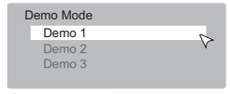
➡ “MENU” ➡ “ ” ➡ “Set Up” ➡ “AI Volume”

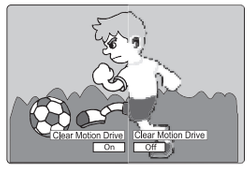


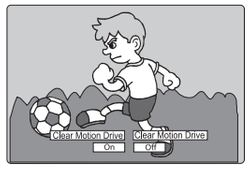
Confirm the effect Super Digipure MaxxBass Clear MotionDrive

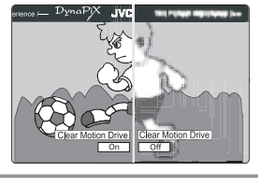
AI VOLUME

➡ “MENU” ➡ “ (yellow) ” ➡ “DEMO”



“Demo 1” ➡


“Demo 2” ➡


“Demo 3” ➡


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Useful functions (continued)

Register a channel to a button

FAVOURITE CHANNEL

1 While the channel is displayed

Hold down for 3 seconds

2 Press the number to register it on

① ② ③ ④

Disappears after a few seconds

■Recall the favourite channel

1

2 Press the number you registered

① ② ③ ④

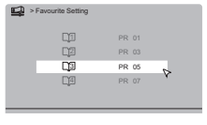
● Customisations (P. 32) to the picture of a favourite channel get saved as well.

■Check your favourite channels

➡ Press "TOP MENU DISPLAY" and confirm that the channels you have registered have a 🕮 beside them

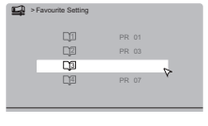
■Delete a favourite channel

1 ➡ "MENU" ➡ "🔧" ➡ "Features" ➡ "Favourite Setting"



select

2 delete (blue)



Displays a blue screen and mute the sound when the signal is weak

BLUE BACK

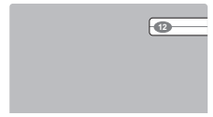
➡ "MENU" ➡ "🔧" ➡ "Features" ➡ "Blue Back"

①select ②set

Off : Function is turned off

On : Displays a blue screen

When the signal is weak or absent



Displays a blue screen and mute the sound

Set the power to turn off if no signal is received and no operation is performed

AUTO SHUTOFF

➡ "MENU" ➡ "🔧" ➡ "Features" ➡ "Auto Shutoff"

①select ②set

Off : Function is turned off

On : Set the power to turn off

When no signal is received and no operation is performed for about 15 minuites

The power turns off

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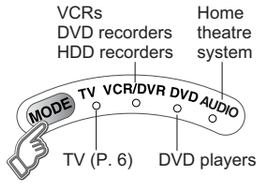
Operate JVC recorders and other devices

The included remote control can be used to operate JVC recorders and other devices.

1 Select a device



- The indicator lights for 3 seconds each time the remote control is operated.

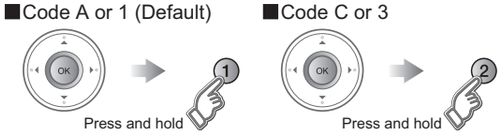
2 Turn on the device

3 Operate the device

- Other buttons can be used to operate the TV at any time.

Try changing the remote control code if you cannot operate a recorder.

■Code A or 1 (Default) ■Code C or 3



- Confirm the code for your recorder by checking the manual it came with.
- Some models of JVC devices cannot be operated with this remote control.
- JVC DVD recorders and HDD recorders are set to code “C” or “3” by default.

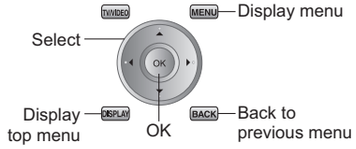
Note

- If the battery is removed, the remote control code reverts back to code A or 1.

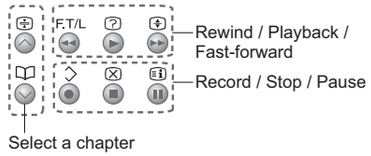
Operate the VCR, DVD recorder or HDD recorder

VCR/DVR

■Operate DVD / HDD recorder menus



■Playback / Record etc.

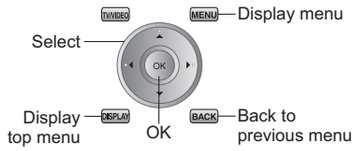


■Display the subtitle (DVD / HDD recorder mode) ➡ Press “TOP MENU DISPLAY”

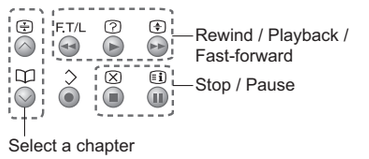
Operate the DVD player

DVD

■Operate DVD menus



■Playback etc.

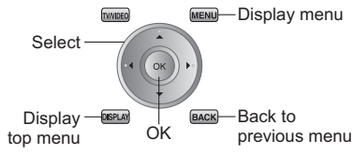


■Display the subtitle ➡ Press “TOP MENU DISPLAY”

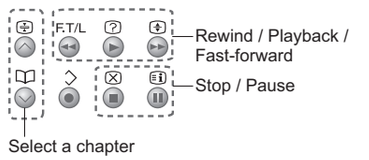
Operate the home theatre system

AUDIO

■Operate AUDIO menus



■Playback etc.



■Display the subtitle ➡ Press “TOP MENU DISPLAY”

■Mute ➡ Press “🔇”

■Volume ➡ Press “VOL+ VOL-”

■Select a surround mode ➡ Press “⟲”

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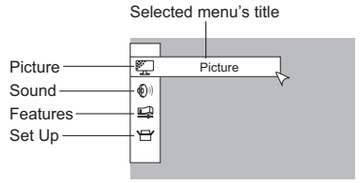
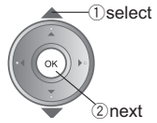
Customising your TV

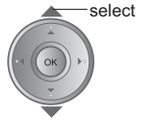
1 Display the menu bar

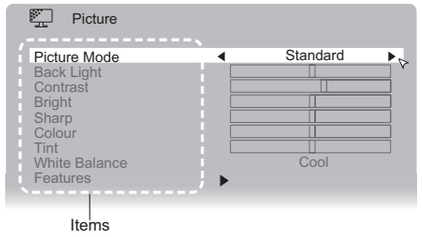


2 Select a menu



3 Select an item



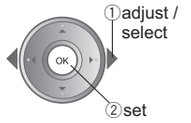


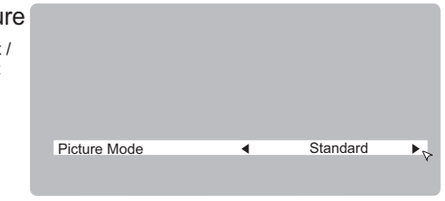
■To the previous screen
➡ BACK

■Exit
➡ MENU

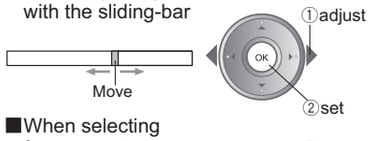
● The menu disappears after one minute of inactivity.

4 Adjust / Configure

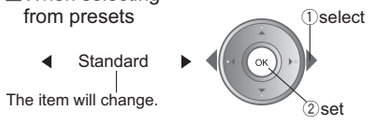




■When adjusting with the sliding-bar



■When selecting from presets



● Some items have a sub-menu.

Menu	Item	Adjustments / Configurations
Picture	Picture Mode	Picture mode (Bright / Standard / Soft)
	Back Light	Backlight brightness (Darker ⇔ Brighter)
	Contrast	Contrast (Lower ⇔ Higher)
	Bright	Brightness (Darker ⇔ Brighter)
	Sharp	Sharpness (Softer ⇔ Sharper)
	Colour	Colour (Lighter ⇔ Deeper)
	Tint	Tint for NTSC (Reddish ⇔ Greenish)
	White Balance	Colour temperature (Warm / Mid / Cool)
	Features	Finer picture adjustments (P. 33)
Sound	Stereo / Ⅰ · Ⅱ	Mode / Language (○ : MONO / ○○ : STEREO / Ⅰ : SUB1 / Ⅱ : SUB2 / MONO)
	Bass	Low tones (Weaker ⇔ Stronger)
	Treble	High tones (Weaker ⇔ Stronger)
	Balance	Speaker balance (Left Stronger ⇔ Right Stronger)
	Cinema Surround	Ambience level (High / Low / Mono / Off)
	MaxxBass *1	Emphasize the bass sound (Off / Low / High)
	Voice Enhancer	Sound enhancement technology (On / Off)
Features	Timer	Set timer for turning on or turning off the TV (P. 24)
	Channel Guard	Stops children from watching specific channels (P. 25)
	Appearance	Format for displaying the channel number (Type A / Type B)
	Blue Back	Displays a blue screen and mute the sound when the signal is weak or absent (P. 28)
	Child Lock	Disables the front control buttons of the TV
	Auto Shutoff	Set the power to turn off if no signal is received and no operation is performed for about 15 minuites (P. 28)
	Favourite Setting	Clear favourite channel settings (P. 27)
	Power Lamp	Lights power lamp (P. 5) while the TV is on (On / Off)
	Eco Sensor	Automatically adjust contrast of light and dark according to the brightness of your room (Off / On / Demo) (P. 26)
Set Up	Auto Program	Automatically registers channels (P. 10, ❹)
	Edit / Manual	Change registered channels or add new ones (P. 11)
	Language	Select a language for on-screen menus (P. 10, ❷)
	Video-1 Setting	For use with video players and other devices (P. 22)
	Video-3 Setting	For use with video players and other devices (P. 22)
	AI Volume	Prevent sudden increase or decrease of sound when changing channels (P. 26)
	Teletext Language	Select a language for Teletext programmes (P. 10, ❸)
	HDMI Setting	HDMI-1 : Size (1 / 2 / Auto), Audio (Digital / Analogue / Auto) HDMI-2 : Size (1 / 2 / Auto)
	PC Position	PC position adjustment (P. 21)
	Auto Demonstration	Confirm the effect of Clear Motion Drive for LCD screen (On / Off) (P. 40)

● Other settings · Change the aspect ratio ➡ "ZOOM" (P. 17)
· Turn on "Cinema Surround" ➡ "CINEMA SURROUND" (P. 17)

*1 MaxxBass is a registered trademark of Waves Audio Ltd. in the USA, Japan and other countries.

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Advanced picture adjustment

By default, the TV automatically adjusts itself for the best picture.

■To the previous screen
➡ BACK

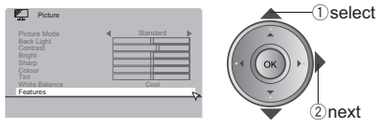
■Exit
➡ MENU

● The menu disappears after one minute of inactivity.

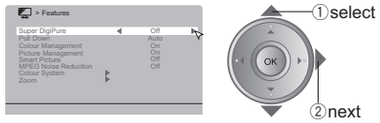
1 Display the menu bar

2 Select “Picture”

3 Select “Features”

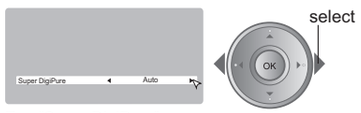


4 Select an item



E.g. “Super DigiPure”

5 Change settings



E.g. “Super DigiPure”

6 Finish

Super DigiPure

For natural-looking outlines

Auto

Off : Function is turned off
Min : When the picture loses sharpness
Max : When noise appears
Auto : Automatically adjusts

Pull Down

For smooth cinema film

Auto

Off : Function is turned off
On : Function is always on
Auto : Automatically adjusts

Colour Management

For natural-looking pictures

On

Off : Function is turned off
On : Maintain a natural colour balance

Picture Management

Fix bright / dark pictures

On

Off : Function is turned off
On : Make it easier to view bright / dark pictures

Smart Picture

Fix brightness of white areas

On

Off : Function is turned off
On : Make it easier to view white areas

● Not available when “Picture Mode” is set to “Bright” (P. 32).

MPEG Noise Reduction

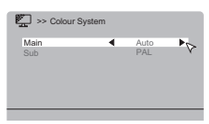
To reduce MPEG video noise

On

Off : Function is turned off
On : When noise appers

Colour System

When there is no colour



① Select the screen to change settings on

Main : Main picture
Sub : Sub-picture in MULTI-PICTURE mode (P. 23)

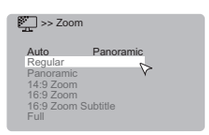
② Select the colour system

PAL | SECAM | NTSC 3.58 | NTSC 4.43 | Auto

● For colour system in your country or region.
➡ “Colour system in your country or region” (P. 38)

Zoom

Set a default aspect ratio



Select a default aspect ratio for Auto in “Zoom” (P. 17)

Panoramic: 16 : 9
Regular: 4 : 3
14:9 Zoom: 14 : 9

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Troubleshooting

Severe noise or snow

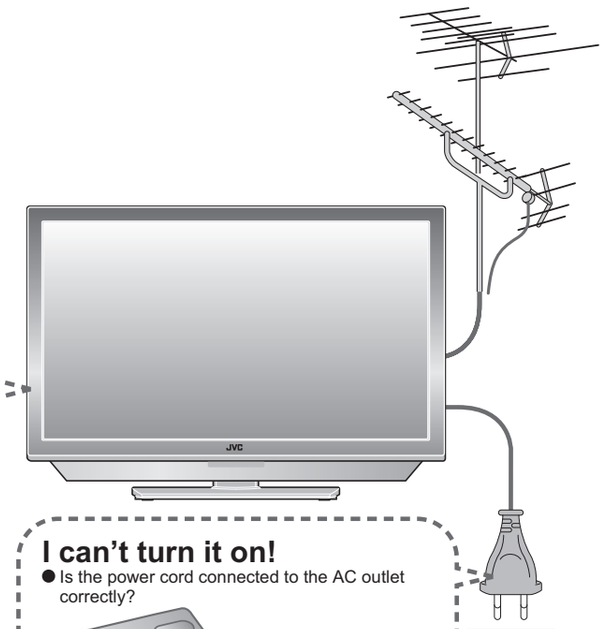
- Is the TV connected correctly to the aerial?
- Change the direction of the aerial.
- Is the aerial or its cable damaged?
  ➡ Consult your retailer

Patterns, stripes or noise

- Is the aerial receiving interference from high-voltage power lines or wireless transmitters?
  ➡ Consult your retailer
- Are connected devices too close to the TV?
  ➡ Insert the minimum distance between the aerial and the cause of interference until no interference

Ghosting
(Doubling of images)

- Are you receiving interference from signals reflected off mountains or buildings?
  ➡ Adjust the direction of your aerial, or change to a good-quality directional aerial



I can't turn it on!

- Is the power cord connected to the AC outlet correctly?

The remote control doesn't work!

- Are the batteries flat?
- Are you more than 7 meters away from the TV?
- Is the "MODE (TV, VCR/DVR, DVD, AUDIO)" set to "TV"?
- When viewing teletext, the TV menu bar does not appear.
- Depending on the stability of the signal, there may be a time lag when changing channels.

	Problem	Actions	page
Basics	Remote control stops working	● Unplug TV, several minutes later plug it in again.	–
Basics	Front control buttons does not work	● Switch "Child Lock" to "Off".	32
Screen	Aspect ratio changes unintentionally	● Press "ZOOM" to return to your settings.	17
Screen	PC screen alignment is off	● Adjust the "PC position".	21
Screen	Enters "Clear Motion Drive" demonstration when watching TV.	● Set "Auto Demonstration" to "Off".	32
Picture	Poor picture quality	● Unnatural colour >>> Adjust "Colour" and "Back Light".	32
		Check your "Colour System". If "Auto" is selected, select the specific colour system manually.	34
		Noise >>> Set to the following functions.	
		Picture Mode : Standard	32
		Super DigiPure : Max	34
		Dull picture >>> Set to the following functions.	
		Picture Mode : Bright	32
		Super DigiPure : Min	34
Picture	Strange picture when using an external device	● If the top of the image is distorted, check the video signal quality itself.	–
		● If movement appears unnatural when receiving a signal from a DVD player, etc. with 625p (progressive-scanning), change the output setting of the external device to 625i (interlace-scanning).	–
Picture	Blue screen appears on the screen	● Switch "Blue Back" to "Off".	28

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Troubleshooting (continued)

	Problem	Actions	page
Sound	Poor sound	● Adjust the “Bass” and “Treble”. ● If receiving a poor signal in “Stereo / I·II”, switch to “Mono”. ● Adjust the channel reception using “Edit/Manual”.	32 32 11
HDMI	Wrong screen size	● Switch “Size” in “HDMI Setting” to “1” or “2”.	32
	No picture, no sound	● Use the cable marked with HDMI logo. HDMI	–
	No sound	● Check if the device is compliant with HDMI. ● Switch “Audio” in “HDMI Setting” to “Digital” or “Auto” for HDMI devices, or “Analogue” or “Auto” for DVI devices. (Not available for HDMI-2)	– 32
	Green and distorted screen	● Wait a little for the signal to stabilize when switching the signal format for an “HDMI” device.	–
Functions	Some functions do not work	● It is not a malfunction. Some functions (dark background) in the menu do not work depending on the situation.	–
	Some inputs cannot be selected in the sub-picture	● “VIDEO-1 (Component signal)”, “VIDEO-3 (Component signal)”, “HDMI-1”, “HDMI-2” inputs and PC mode cannot be selected in the sub-picture.	–
Screen	Black or white dots appear on the screen	● LCD panels use fine dots (“pixels”) to display images. While more than 99.99% of these pixels function properly, a very small number of pixels may not light, or may light all the time. Please understand that this is not a malfunction.	–
OUT terminal	No picture, no sound	● Some inputs does not output from OUT terminal	22

Technical information

Language group for teletext

Group	Languages
Group-1	Turkish, Hungarian, English, German, French, Italian, Spanish, Portuguese, Greek, Swedish, Finnish
Group-2	Polish, Serbian, Croatian, Slovenian, Czech, Slovak, Rumanian, Hungarian, German, French, Italian, Swedish, Finnish
Group-3	Russian, Bulgarian, Lettish, Lithuanian, Estonian, Ukrainian, Serbian, Croatian, Slovenian, Czech, Slovak, English, German
Group-4	Arabic, Czech, Slovak, Hungarian, English, German, French, Italian, Spanish, Portuguese, Swedish, Finnish
Group-5	Farsi, Czech, Slovak, Hungarian, English, German, French, Italian, Spanish, Portuguese, Swedish, Finnish

● If the characters are unreadable. ➡ Select different teletext language group.

Sound and Colour system in your country or region

Area	Country or Region	System	System
Asia, Middle East	Bahrain, Kuwait, Oman, Qatar, United Arab Emirates, Yemen, etc. Indonesia, Malaysia, Singapore, Thailand, India, etc.	B/G	PAL
	China, Vietnam, etc.	D/K	
	Hong Kong, etc.	I	
	Islamic Republic of Iran, Lebanon, Saudi Arabia, etc.	B/G	SECAM
	Philippines, Taiwan, Myanmar, etc.	M	NTSC
Europe	Russia, etc.	D/K	SECAM
	Czech Republic, Poland, etc.		
	Germany, Holland, Belgium, etc.	B/G	PAL
	UK, etc.	I	
Oceania	Australia, New Zealand, etc.	B/G	PAL
Africa	Republic of South Africa, etc.	I	PAL
	Nigeria, etc.	B/G	
	Egypt, Morocco, etc.		SECAM

Monoaural sound

Use this function when stereo sound or bilingual sound is hard to hear.
● Set “Stereo / I · II” to “MONO” ➡ (P. 32)

PC Signals that can be displayed

Macintosh computers are not supported.
(Macintosh is a registered trademark of Apple Computer, Inc.)
● If the signal doesn’t appear, check that the vertical frequency on the PC is set to “60Hz”.

Resolution	640 x 480 (VGA)	1024 x 768 (XGA)
Vertical frequency (Hz)	60.0	60.0

Connect “DVI” devices

Connect a “DVI“ device to “HDMI-1” using “DVI-HDMI” conversion cable. Connect analogue sound output of the DVI device to L and R terminals in IN HDMI-1.
● Set “Audio” in “HDMI Setting” to “Analogue” or “Auto” ➡ (P. 32)
● HDMI-2 input does not support analogue sound (IN HDMI-1).
● HDMI-2 input does not support DVI devices.

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Technical information (continued)

Auto in “Zoom”

When “Auto” is selected in Zoom, the aspect ratio will turn to the ratio obtained from the information the TV received.

- The aspect ratio will turn to the ratio obtained from WSS (Wide Screen Identification Signal), video signal, or control signal of the external devices. Without receiving the aspect information, it will be the setting in Auto in Zoom menu. (Regular or Panoramic or 14:9 Zoom) (P. 34)
- Not available in PC mode.

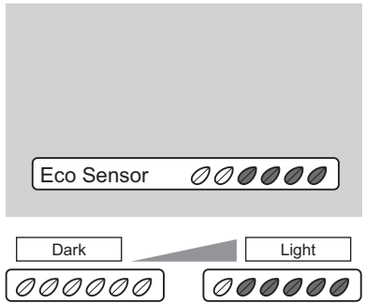
What is “Eco Sensor”?

You can adjust this TV so that the screen automatically adjusts to the optimum contrast of light and dark according to the brightness of your room. This function reduces eye strain and the power consumption of this TV.

- Set “Eco Sensor” ➡ “Eco Sensor” (P. 26)
- Make sure not to block the Eco Sensor on front of the TV (P. 5)

■Using “Demo” in “Eco Sensor” You can display the effect of the “Eco Sensor” on the screen

- To fully reduce eye strain and the power consumption of this TV. Set to the following functions.
  Eco Sensor: On or Demo (P. 26)
  Smart Picture: On (P. 33)

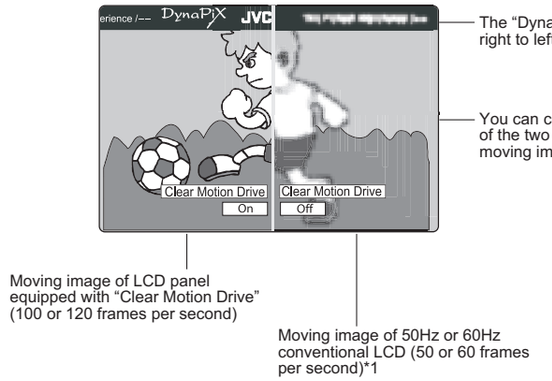


Clear Motion Drive

Most conventional LCD panel uses 50 frames per second (50Hz) or 60 frames per second (60Hz) to display an image which needs long holding time (time it takes to display single frame), causing blurring or ghost images when there is rapid or complex movement across the screen – a phenomenon common to all LCD panels.

This TV is equipped with JVC’s original “Clear Motion Drive” technology, which displays two frames (the original plus the new interpolated frame) in the time a 50Hz or 60Hz set displays a single frame. Resulting to double the typical rate, 100 frames per second (100Hz) or 120 frames per second (120Hz) and halve the holding time without reducing brightness or contrast. By using this technology you will be able to reduce blurring or ghost images when there is rapid or complex movement across the screen.

By using “Demo”, you can display the differences between conventional LCD (50Hz or 60Hz) and LCD panel equipped with “Clear Motion Drive”.


DynaPiX
Clear Motion Drive
On
Clear Motion Drive
Off
The “DynaPix” ticker will run right to left
You can confirm the differences of the two LCD’s with actual moving images
Moving image of LCD panel equipped with “Clear Motion Drive” (100 or 120 frames per second)
Moving image of 50Hz or 60Hz conventional LCD (50 or 60 frames per second)*1

*1 To simulate Moving image of conventional LCD, the TV will display two same frames at a time.

Note : The illustrations are emphasized to make clear differences between LCD panel equipped with “Clear Motion Drive” and conventional LCD.

- Set “Auto Demonstration” to “On” “Off”. ➡ “Auto Demonstration” (P. 32)
- When set to “On”, it automatically enters demonstration every time no operation is made for approximately 3 minutes. To stop automatic demonstration, set “Auto Demonstration” to “Off”.

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“CH/CC” List

To use the INSERT function (P. 11), find the “CH/CC” number corresponding to the TV’s Channel number from this table.

US: The US channel numbers are the channel numbers used in the United States, Philippines, etc.
CCIR: The CCIR channel numbers are the channel numbers used in the Middle East, Southeast Asia, etc.
OIRT: The OIRT channel numbers are the channel numbers used in Eastern Europe, Russia, Vietnam, etc.
AUSTRALIA: The AUSTRALIA channel numbers are the channel numbers used in Australia, etc.

CH	Channel			
	US	CCIR	OIRT	AUSTRALIA
CH 02	US-02	E2	R1	AU-0
CH 03	US-03	E3		AU-1
CH 04	US-04	E4	R2	AU-2
CH 05	US-05	E5	R6	AU-6
CH 06	US-06	E6	R7	AU-7
CH 07	US-07	E7	R8	AU-8
CH 08	US-08	E8	R9	AU-9
CH 09	US-09	E9		
CH 10	US-10	E10	R10	AU-10
CH 11	US-11	E11	R11	AU-11
CH 12	US-12	E12	R12	
CH 13	US-13			
CH 14	US-14, W+29			
CH 15	US-15, W+30			
CH 16	US-16, W+31			
CH 17	US-17, W+32			
CH 18	US-18, W+33			
CH 19	US-19, W+34			
CH 20	US-20, W+35			
CH 21	US-21, W+36	E21		
CH 22	US-22, W+37	E22		
CH 23	US-23, W+38	E23		
CH 24	US-24, W+39	E24		
CH 25	US-25, W+40	E25		
CH 26	US-26, W+41	E26		
CH 27	US-27, W+42	E27		
CH 28	US-28, W+43	E28		
CH 29	US-29, W+44	E29		
CH 30	US-30, W+45	E30		
CH 31	US-31, W+46	E31		
CH 32	US-32, W+47	E32		
CH 33	US-33, W+48	E33		
CH 34	US-34, W+49	E34		
CH 35	US-35, W+50	E35		
CH 36	US-36, W+51	E36		
CH 37	US-37, W+52	E37		
CH 38	US-38, W+53	E38		
CH 39	US-39, W+54	E39		
CH 40	US-40, W+55	E40		
CH 41	US-41, W+56	E41		
CH 42	US-42, W+57	E42		
CH 43	US-43, W+58	E43		
CH 44	US-44, W+59	E44		
CH 45	US-45, W+60	E45		
CH 46	US-46, W+61	E46		
CH 47	US-47, W+62	E47		
CH 48	US-48, W+63	E48		
CH 49	US-49, W+64	E49		
CH 50	US-50, W+65	E50		
CH 51	US-51, W+66	E51		
CH 52	US-52, W+67	E52		
CH 53	US-53, W+68	E53		
CH 54	US-54, W+69	E54		
CH 55	US-55, W+70	E55		
CH 56	US-56, W+71	E56		
CH 57	US-57, W+72	E57		
CH 58	US-58, W+73	E58		
CH 59	US-59, W+74	E59		
CH 60	US-60, W+75	E60		
CH 61	US-61, W+76	E61		
CH 62	US-62, W+77	E62		
CH 63	US-63, W+78	E63		
CH 64	US-64, W+79	E64		
CH 65	US-65, W+80	E65		
CH 66	US-66, W+81	E66		
CH 67	US-67, W+82	E67		
CH 68	US-68, W+83	E68		
CH 69	US-69, W+84	E69		

CC	Channel			
	US	CCIR	OIRT	AUSTRALIA
CC 01		S-1		AU-5
CC 02		S-2		
CC 03		S-3		
CC 04		S-4		
CC 05		S-5		
CC 06		S-6		AU-5A
CC 07		S-7		
CC 08		S-8		
CC 09		S-9		
CC 10		S-10		
CC 11		S-11		
CC 12		S-12		
CC 13		S-13		
CC 14	A	S-14		
CC 15	B	S-15		
CC 16	C	S-16		
CC 17	D	S-17		
CC 18	E	S-18		
CC 19	F	S-19		
CC 20	G	S-20		
CC 21	H	S-21		
CC 22	I	S-22		
CC 23	J	S-23		
CC 24	K	S-24		
CC 25	L	S-25		
CC 26	M	S-26		
CC 27	N	S-27		
CC 28	O	S-28		
CC 29	P	S-29		
CC 30	Q	S-30		
CC 31	R	S-31		
CC 32	S	S-32		
CC 33	T	S-33		
CC 34	U	S-34		
CC 35	V	S-35		
CC 36	W	S-36		
CC 37	W+1	S-37		
CC 38	W+2	S-38		
CC 39	W+3	S-39		
CC 40	W+4	S-40		
CC 41	W+5	S-41		
CC 42	W+6			
CC 43	W+7			
CC 44	W+8			
CC 45	W+9			
CC 46	W+10			
CC 47	W+11			
CC 48	W+12			
CC 49	W+13			
CC 50	W+14			
CC 51	W+15			
CC 52	W+16			
CC 53	W+17			
CC 54	W+18			
CC 55	W+19			
CC 56	W+20			
CC 57	W+21			
CC 58	W+22			
CC 59	W+23			
CC 60	W+24			
CC 61	W+25			
CC 62	W+26			
CC 63	W+27			
CC 64	W+28			
CC 75		X		
CC 76		Y	R3	
CC 77		Z	R4	AU-3
CC 78		Z+1	R5	
CC 79		Z+2		AU-4
CC 95	A-5			
CC 96	A-4			
CC 97	A-3			
CC 98	A-2			
CC 99	A-1			

Specifications

Main unit

Model	LT-32FX77	LT-37FX77	LT-42FX77
Broadcasting systems	B / G / I / D / K / K1 / M (See “Technical information”, P. 38)		
Colour systems	PAL, SECAM, NTSC 3.58/4.43 MHz		
Channels and frequencies	VHF low channel (VL) = 46.25 to 140.25 MHz VHF high channel (VH) = 147.25 to 423.25 MHz UHF channel (U) = 431.25 to 863.25 MHz · Receives cable channels in mid band (X to Z+2, S1 to S10), super band (S11 to S20) and hyper band (S21 to S41).		
Sound-multiplex systems	NICAM (I / B / G / D / K), A2 (B / G / D / K)		
Teletext systems	FLOF (Fastext), WST (standard system)		
Power requirements	AC 110 V - 240 V, 50/60Hz		
Audio output (Rated power output)	10 W + 10 W	10 W + 10 W	10 W + 10 W
Speakers	(4 cm x 16 cm) oval x 2	(4 cm x 16 cm) oval x 2	(4 cm x 16 cm) oval x 2
Power consumption [standby]	158 W [0.5 W]	158 W [0.5 W]	158 W [0.5 W]
Screen size (visible area size measured diagonally)	94 cm	94 cm	94 cm
Dimensions (W x H x D: mm) [without stand]	919 x 651.9 x 311.9 [919 x 603.7 x 120.8]	919 x 651.9 x 311.9 [919 x 603.7 x 120.8]	919 x 651.9 x 311.9 [919 x 603.7 x 120.8]
Weights [without stand]	22.0 kg [19.0 kg]	22.0 kg [19.0 kg]	22.0 kg [19.0 kg]
Accessories	(See “Check accessories”, P. 5)		

Terminals / Connectors

Terminal name		Terminal type	Signal type (IN)	Signal type (OUT)	Notes
Input terminals	VIDEO-1	RCA connectors x 6 S-VIDEO connector x 1	Composite video, S-video, Analogue component (576i (625i) / 480i (525i), Progressive : 576p (625p) / 480p (525p), HD : 1080i (1125i), 720p (750p)) AUDIO L / R		
	VIDEO-2	RCA connectors x 3 S-VIDEO connector x 1	Composite video, S-video, AUDIO L / R		
	VIDEO-3	RCA connectors x 6	Composite video, Analogue component (576i (625i) / 480i (525i), Progressive : 576p (625p) / 480p (525p), HD : 1080i (1125i), 720p (750p)) AUDIO L / R		
	HDMI-1	HDMI connector x 1	HDMI (576i (625i) / 480i (525i) / 576p (625p) / 480p (525p), 1080i (1125i), 720p (750p))		
	HDMI-2				
	IN HDMI-1	RCA connectors x 2	AUDIO L / R		
	PC INPUT	D-SUB (15 pins) x 1	Analogue PC signal (P. 38)		
Output terminals	MONITOR OUT	RCA connectors x 3 S-VIDEO connector x 1		Composite video, S-video, Audio L / R	
	Headphone	Stereo mini-jack x 1 (3.5 mm in diameter)		Headphone output	

● We may change the design and specifications without notice.

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